


Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (6-95)
Approved for use through 07/31/96, OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

1449B/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office		Complete if Known	
LIST OF PRIOR ART CITED BY APPLICANT (use as many sheets as necessary)				Application Number	N/A 10/624,579
				Filing Date	Herewith
				First Named Inventor	Sanjay KOTHA et al.
				Group Art Unit	
				Examiner Name	
Sheet	6	of	6	Attorney Docket Number	US 1330/02

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book), magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Publisher, country, where published, source.	T ²
ms		U.S. Published Patent Application No. US 2001/0016210 A1, Mathiowitz et al., Aug. 23, 2001.	
		U.S. Published Patent Application No. US 2001/0033384 A1, Luo et al., Oct. 25, 2001.	
		U.S. Published Patent Application No. US 2002/0045045 A1, Adams et al., Apr. 18, 2002	
		Azuma, Y. et al. "Coating of ferric oxide particles with silica by hydrolysis of TEOS", Journal of the Ceramic Society of Japan, 100(5), 646-51 (Abstract) (May 1992).	
		Atarashi, T. et al. "Synthesis of ethylene-glycol-based magnetic fluid using silica-coated iron particle", Journal of Magnetism and Magnetic Materials, 201, 7-10 (1999).	
		Homola, A. M. et al., "Novel Magnetic Dispersions Using Silica Stabilized Particles", IEEE Transactions on Magnetics, 22 (5), 716-719 (September 1986).	
ms		Giri, A. et al. "AC Magnetic Properties of Compacted FeCo Nanocomposites", Mater. Phys. and Mechanics, 1, 1-10 (2000).	

Examiner Signature		Date Considered	11/18/02
--------------------	-------------------------------------------------------------------------------------	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. *Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.*

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (6-95)
Approved for use through 9/30/98. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

1449B/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office		Complete if Known	
LIST OF PRIOR ART CITED BY APPLICANT (use as many sheets as necessary)				Application Number	N/A 10/624,519
				Filing Date	Herewith
				First Named Inventor	Sanjay KOTHA et al.
				Group Art Unit	
				Examiner Name	
Sheet	4	of	6	Attorney Docket Number	US 1330/02

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
N/A		5,707,078		Swanberg et al.	01-13-1998	
		5,714,829		Guruprasad	02-23-1998	
		5,782,954		Luk	07-21-1998	
		5,800,372		Bell et al.	09-01-1998	
		5,900,184		Weiss et al.	05-04-1999	
		5,927,753		Faigle et al.	07-27-1999	
		5,947,514		Keller et al.	09-07-1999	
		6,027,664		Weiss et al.	02-22-2000	
		6,036,226		Brown et al.	03-14-2000	
		6,036,955		Thorpe et al.	03-14-2000	
		6,039,347		Maynard	03-21-2000	
		6,044,866		Rohrbeck	04-04-2000	
		6,051,607		Greff	04-18-2000	
		6,076,852		Faigle	06-20-2000	
		6,096,021		Helm et al.	08-01-2000	
		6,149,576		Gray et al.	11-21-2000	
		6,149,832		Foister	11-21-2000	
		6,167,313		Gray et al.	12-26-2000	
		6,186,176 B1		Gelbmann	02-13-2001	
		6,189,538 B1		Thorpe	02-20-2001	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
				</				

Examiner Signature	<i>MD Pathe</i>	Date Considered	11/18/04
--------------------	-----------------	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1 ⁶ if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (6-95)
Approved for use through 9/30/98. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

1449B/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office		Complete If Known	
LIST OF PRIOR ART CITED BY APPLICANT (use as many sheets as necessary)				Application Number	N/A 10/624,519
				Filing Date	Herewith
				First Named Inventor	Sanjay KOTHA et al.
				Group Art Unit	
				Examiner Name	
Sheet	3	of	6	Attorney Docket Number	US 1330/02

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MDO		5,374,246		Ray	12-20-1994	
		5,427,767		Kresse et al.	06-27-1995	
		5,466,609		Siiman et al.	11-14-1995	
		5,493,792		Bates et al.	02-27-1996	
		5,507,744		Tay et al.	04-16-1996	
		5,525,249		Kordonsky et al.	06-11-1996	
		5,549,837		Ginder et al.	08-27-1996	
		5,565,215		Gref et al.	10-15-1996	
		5,582,425		Skanberg et al.	12-10-1996	
		5,595,735		Saferstein et al.	01-21-1997	
		5,597,531		Liberti et al.	01-28-1997	
		5,624,685		Takahashi et al.	04-29-1997	
		5,635,162		Fischer	06-03-1997	
		5,635,215		Boschetti et al.	06-03-1997	
		5,645,849		Pruss et al.	07-08-1997	
		5,646,185		Giaccia et al.	07-08-1997	
		5,667,715		Folster	09-16-1997	
		5,670,078		Ziolo	09-23-1997	
		5,695,480		Evans et al.	12-09-1997	
		5,702,630		Sasaki et al.	12-30-1997	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	4/18/04
--------------------	-------------------------------------------------------------------------------------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1 ⁶ if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (6-95)
Approved for use through 9/30/98. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

14498/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office		Complete if Known	
LIST OF PRIOR ART CITED BY APPLICANT (use as many sheets as necessary)				Application Number	N/A 10/624,579
				Filing Date	Her with
				First Named Inventor	Sanjay KOTHA et al.
				Group Art Unit	
				Examiner Name	
Sheet	2	of	6	Attorney Docket Number	US 1330/02

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MST		4,574,782		Borrelli et al.	03-11-1986	
		4,613,304		Meyer	09-23-1986	
		4,628,037		Chagnon et al.	12-09-1986	
		4,637,394		Racz et al.	01-20-1987	
		4,662,359		Gordon	05-05-1987	
		4,672,040		Josephson	06-09-1987	
		4,695,392		Whitehead et al.	09-22-1987	
		4,695,393		Whitehead et al.	09-22-1987	
		4,721,618		Giles et al.	01-26-1988	
		4,992,190		Shtarkman	02-12-1991	
		4,999,188		Solodovnik et al.	03-12-1991	
		5,067,952		Gudov et al.	11-26-1991	
		5,108,359		Granov et al.	04-28-1992	
		5,161,776		Nicholson	11-10-1992	
		5,180,583		Hedner	01-19-1993	
		5,202,352		Okada et al.	04-13-1993	
		5,207,675		Canady	05-04-1993	
		5,236,410		Granov et al.	08-17-1993	
		5,354,488		Shtarkman et al.	10-11-1994	
		5,358,659		Ziolo	10-25-1994	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	11/18/04
--------------------	-------------------------------------------------------------------------------------	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1 ⁶ if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (6-95)
Approved for use through 9/30/98. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

14498/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office		Complete if Known	
LIST OF PRIOR ART CITED BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	N/A 10/624,519
				Filing Date	Herewith
				First Named Inventor	Sanjay KOTHA et al.
				Group Art Unit	
				Examiner Name	
Sheet	1	of	6	Attorney Docket Number	US 1330/02

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MEP		3,047,507		Winslow	07-31-1962	
		3,937,839		Strike et al.	02-10-1976	
		4,064,409		Redman	12-20-1977	
		4,106,488		Gordon	08-15-1978	
		4,107,288		Oppenheim et al.	08-15-1978	
		4,183,156		Rudy	01-15-1980	
		4,219,945		Rudy	09-02-1980	
		4,267,234		Rembaum	05-12-1981	
		4,268,413		Dabisch	05-19-1981	
		4,303,636		Gordon	12-01-1981	
		4,323,056		Borrelli et al.	04-06-1982	
		4,340,626		Rudy	07-20-1982	
		4,342,157		Gilbert	08-03-1982	
		4,443,430		Mattei et al.	04-17-1984	
		4,452,773		Molday	06-05-1984	
		4,454,234		Czerlinski	06-12-1984	
		4,472,890		Gilbert	09-25-1984	
		4,501,726		Schröder et al.	02-26-1985	
MEP		4,545,368		Rand et al.	10-08-1985	
		4,554,088		Whitehead et al.	11-19-1985	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.†	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	11/18/04
--------------------	--	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1 ⁶ if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

Approved for use through 9/30/98. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

1449B/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office		Complete if Known	
LIST OF PRIOR ART CITED BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/624,519
				Filing Date	July 23, 2003
				First Named Inventor	Sanjay KOTHA
				Group Art Unit	3728
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	US 1330/02

[illegible][illegible]

Examiner Signature	<i>M. Patterson</i>	Date Considered	11/18/04
-----------------------	---------------------	--------------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1 ⁶ if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (6-95)
Approved for use through 07/31/96, OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

1449B/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office		Complete if Known	
LIST OF PRIOR ART CITED BY APPLICANT (use as many sheets as necessary)				Application Number	10/624,519
				Filing Date	July 23, 2003
				First Named Inventor	Sanjay KOTHA
				Group Art Unit	3728
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	US 1330/02

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book), magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Publisher, country, where published, source.	T ²
MSF		U.S. Patent Application Serial No. 10/157,921 - Filed: May 31, 2002.	
		PCT Serial No. PCT/US03/14545 - Filed: May 28, 2003.	
		U.S. Patent Application Serial No. 10/302,962 - Filed: November 25, 2002.	
		PCT Serial No. PCT/US03/16230 - Filed: June 25, 2003.	
		Lubbe, AS et al. "Clinical experiences with magnetic drug targeting: a phase I study with 4' - expidoxorubicin in 14 patients with advanced solid tumors", Cancer Research, Vol. 56, Issue 20, 4686-4693 (Abstract) (1996).	
MSF		Sako, M et al., "Embolotherapy of hepatomas using ferromagnetic microspheres, its clinical evaluation and the prospect of its use as a vehicle in chemoembolo-hyperthermic therapy", Gan to kagaku ryoho. Cancer & chemotherapy, Vol. 13, No. 4, Pt. 2, 1618-1624 (Abstract) (1986).	

Examiner Signature		Date Considered	11/18/04
--------------------	--	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.